

EXECUTIVE SUMMARY

Organizations find many difficulties in sharing, authorizing and maintaining documents. It is much more time consuming and challenging to get hands on relevant document with the present manual systems. Sometimes for the recognition of the document it is necessary to have approval from one or more than one officers. In such situations it is difficult to allocate relevant officers to get an approval.

The proposed system, “docSpace” is a system where users can share, verify and maintain the documents in an efficient manner. The system provides some specific document categories with relevant administrating officers. When the document is uploaded to the system user can select the people who can approve that document if the provided document categories are not matched. Then an alert will be sent to the relevant officers and they can inspect the document and determine whether to approve or reject the file. If the document sent carry any corrections to be done they can comment on it and resend it to the sender.

If the different versions of a document need to be maintained it is essential to clearly identify the latest version. “docSpace” provides straightforward approach to find the latest version of a document. By using role based access system, “docSpace” ensures that only authorized people can access to a particular document. Also the system is design in a manner where it is much easier to restore the documents in case of disasters like fire and floods. Up to present situation there is no system available, to share and verify official documents.

PROJECT OBJECTIVES

1. Main objective of this is to enable organization community, fast and easy approach to sharing and authorizing documents.
2. Other than sharing and authorizing this provides document backup facility.
3. If new document is uploaded notifications from the website will be sent to the relevant officers.
4. After uploading a document, if it is approved by at least a single person no one can modify the document.

LITERATURE REVIEW

There are many advanced network system present in the world for the purpose of sharing, managing and authorizing documents. But these systems are basically designed for a particular field like banks, financial institutes, academic institutes etc. Though there are document sharing network systems most of them does not carry the feature of authorizing those documents. When considering about the available document authorizing systems we should specifically define the work flow even for the basic functioning documents.

APPROACH

Identify the user necessities by discussing with the clients. Observe some document sharing, authorizing systems to get an idea and identify the weaknesses of existing systems. Then model the functional requirements and ER diagram. Build the system using JAVA technologies and a MySQL database management. Testing the application using JUnit. As a final point deploy, make the documentation and present the software.

PROPOSED TECHNOLOGIES

In this project JAVA technology is used as the main programming language. MySQL is the main database management system of the project. Image Compression techniques are used to give low data usage facilities to the user.

EVOLUTION OF THE SYSTEM (Timeline)

Below figure is showing the evolution of the system.

